IN THE UNITED STATES PATENT AND TRADEMARK OFFICE PATENT OPERATION

In re Application of:

Chih-Ming Chen; Joseph Chou and Unchalee Kositprapa

Serial No.: Not Yet Assigned

Group Art Unit: --

Filed: Concurrently Herewith

Examiner: --

For: OMEPRAZOLE FORMULATION

New York, NY 10036 November 13, 2003

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

The following statement of relevance is submitted with the accompanying Form PTO/SB/08A.

Document	
----------	--

Designation	Relevance

AA Relates to a substituted 2-[pyridylalkylenesulfinyl]-ben-U.S.P. 4,045,563 zimidazoles with gastric acid secretion inhibiting effects.

AB Relates to benzimidazole derivatives useful as gastric acid

U.S.P. 4,045,564 secretion inhibitors.

AC Relates to napth[2,3-d]imidazoles.

U.S.P. 4,182,766

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:

Commissioner for Patents

P.O. Box 1450

Alexamdria, VA 22313-1450

on November 13, 2000

Martin P. Endres, Reg. No. 35,498

Document Designation AD U.S.P. 4,255,431	Relevance Relates to a gastric acid secretion inhibiting substituted 2-(2-benzimidazolyl)-pyridines, pharmaceutical preparations containing same, and method for inhibiting gastric acid secretion.
AE U.S.P. 4,337,257	Relates to gastric acid secretion inhibiting substituted 2-(2-benzimidazolyl)-pyridines, their preparations containing same, and method for inhibiting gastric acid secretion.
AF U.S.P. 4,359,465	Relates to methods for treating gastrointestinal inflammation.
AG U.S.P. 4,432,966	Relates to compressed tablets for disintegration in the colon comprising an active ingredient containing nucleus coated with a first layer containing microcrystalline cellulose which is coated with an enteric organic polymer coating.
AH U.S.P. 4,508,905	Relates to substituted 2-(benzimidazolyl) pyridines.
AI U.S.P. 4,544,750	Relates to certain pyridyl-N-oxide intermediates for the preparation of omeprazole.
AJ U.S.P. 4,620,008	Relates to processes for the preparation of omeprazole and intermediates therefore.
AK U.S.P. 4,636,499	Relates to sulphenamides.
AL U.S.P. 4,686,230	Relates to a picoline derivatives useful as gastric acid secretion inhibitors.
AM U.S.P. 4,738,974	Relates to base addition salts of omeprazole.
AN U.S.P. 4,786,505	Relates to a new pharmaceutical preparation for oral use containing omeprazole.
AO U.S.P. 4,840,799	Relates to a process for preparing rapidly disintegrating particles.
AP U.S.P. 4,853,230	Relates to pharmaceutical formulations of acid labile substances for oral use.
AQ U.S.P. 5,045,321	Relates to a stabilized pharmaceutical composition and its production.

AR U.S.P. 5,093,132	Relates to a stabilized pharmaceutical composition and its production.
AS U.S.P. 5,093,342	Relates to the use of omeprazole as an antimicrobial agent.
AT U.S.P. 5,178,867	Relates to a dosage form for delivering drug in short time period.
AU U.S.P. 5,204,118	Relates to pharmaceutical compositions and methods for treating the symptoms of indulgence.
AV U.S.P. 5,244,670	Relates to an ingestible pharmaceutical composition for treating upper gastrointestinal tract distress.
AW U.S.P. 5,288,506	Relates to antacid compositions with prolonged gastric residence time.
AX U.S.P. 5,304,540	Relates to pharmaceutical compositions and methods for using the same.
AY U.S.P. 5,330,982	Relates to a pharmaceutical composition containing a 5 HT receptor antagonist and a method of treating gastrointestinal disorders therewith.
AZ U.S.P. 5,352,688	Relates to a method for the treatment of bradyphrenia in Parkinson's disease.
BA U.S.P. 5,362,424	Relates to a microencapsulation for controlled oral drug delivery system.
BB U.S.P. 5,385,739	Relates to stable compositions of gastroprotected omeprazole microgranules and process for the production thereof.
BC U.S.P. 5,389,664	Relates to alleviating stomach ulcers in swine.
BD U.S.P. 5,399,700	Relates to method for preparing enteric coated oral drugs containing acid unstable compounds.
BE U.S.P. 5,417,980	Relates to pharmaceutical compositions and methods for treating the symptoms of overindulgence.
BF U.S.P. 5,433,959	Relates to a stabilized pharmaceutical composition.
BG U.S.P. 5,508,041	Relates to microencapsulation for controlled oral drug delivery system.

	BH U.S.P. 5,518,730	Relates to a biodegradable controlled release flash flow melt spun delivery system.
	BI U.S.P. 5,599,794	Relates to a synergistic combination of a substance with gastric acid secretion inhibiting effect and an acid degradable antibiotic.
	BJ U.S.P. 5,620,964	Relates to compositions for treating and inhibiting gastric and duodenal ulcers.
	BK U.S.P. 5,622,717	Relates to ulcer prevention using a melt spun hydrogel.
	BL U.S.P. 5,637,320	Relates to a controlled absorption naproxen formulation for once-daily administration.
	BM U.S.P. 5,639,478	Relates to a method to stabilize a pharmaceutical composition and its production.
	BN U.S.P. 5,693,818	Relates to a process for preparing pure salts of pyridinlymethyl-sulfinyl-1h-benzimidazole.
	BO U.S.P. 5,753,265	Relates to a multiple unit pharmaceutical preparation.
	CA WO 85/03436	Relates to diffusion coated multiple units dosage form.
	CB WO 95/01783	Relates to a new pharmaceutical formulation.
	CC WO 95/10264	Relates to a tablet containing enteric granules.
•	CD WO 95/12590	Relates to a preparation of omeprazole and lansoprazole and intermediates useful therein.
	CE WO 96/01612	Relates to a novel drug delivery system.
	CF WO 96/01622	Relates to a new oral pharmaceutical formulation containing magnesium salt of omeprazole.
	CG WO 96/01623	Relates to multiple unit tableted dosage form.
	СН	Relates to a new pharmaceutical dosage form.

CI WO 96/02535	Relates to a process for synthesis of substituted sulfoxides.
CJ CA 1,127,158	Relates to 2-pyridymethysulfinyl-benzimidazole compounds.
CK CA 1,129,417	Relates to gastric acid secretion inhibiting substituted 2-(2-benzimidazolyl)-pyridines, their preparation, pharmaceutical preparations containing same, and method for inhibiting gastric acid secretion.
CL CA 1,234,118	Relates to pyridyl-n-oxide intermediates for the preparation of omeprazole.
CM CA 1,263,119	Relates to production of 2-(2 pyridylmethylsulfinyl) benzimidazole compounds.
CN CA 1,264,751	Relates to base addition salts of omeprazole.
CO CA 1,292,693	Relates to a pharmaceutical preparation containing omeprazole.
CP CA 1,302,891	Relates to pharmaceutical formulations of acid labile substances for oral use.
CQ CA 1,324,758	Relates to transdermal antisecretory agents for gastrointestinal disease.
CR CA 1,338,377	Relates to stabilized pharmaceutical composition and its production.
CS CA 2,037,101	Relates to omeprazole compositions designed for administration in rectum.
CT CA 2,046,364	Relates to galenic process for omeprazole containing pellets.
CU CA 2,083,605	Relates to method for synthesis.
CV CA 2,139,653	Relates to optically pure salts of pyrinylmethyl sulfinly-1H-benzimidazole compounds.
CW CA 2,140,347	Relates to injection and injection kit containing omeprazole and it analogs.
CX CA 2,166,483	Relates to a new pharmaceutical formulation.
	5

CV

Relates to magnesium omeprazole.

CA 2,166,794

CZ

Relates to multiple unit tableted dosage form.

CA 2,170,647

DA

CA 2,193,681

Relates to a new oral pharmaceutical containing magnesium

salt of omeprazole.

DB

Relates to pyridylalkyloxy and pyridyalkythioazole derivatives.

GB 1,234,058

DC

Relates to omeprazole salts.

EPO 124,495

EΑ

Relates to omeprazole.

L. Olbe, S.E. et al., Present Situation and Future Prospects of Medical Treatment., Gastrins and the Vagus, Academic Press p. 245-250, 1979.

EB

Relates to omeprazole.

Ekenved et al. "Studies with H 168/68, a Novel Gastric Acid Secretion Inhibitor., <u>Gut</u>, Vol. 22, No. 10, October 1981 p. A877.

EC

Relates to omeprazole.

Erik Fellenius et al., Substituted Benzimidazoles Inhibit Gastric Acid Secretion by Blocking (H⁺ + K⁺) ATPase., Nature, Vol. 290, March 12, 1981 p. 159-161

ED

Relates to omeprazole.

Tore Lind, et al., Effect of Omeprazole – A Gastric Proton Pump Inhibitor on Pentagastrin Stimulated Acid Secretion in Man., Gut, Vol. 24 p. 270-276, 1983.

EE

Relates to omeprazole:

K-Fr Sewin et al., Effect of Substituted Benzimidazoles on Acid Secretion in Isolated and Enriched Guinea Pig Parietal Cells., Gut, Vol. 24 p. 557-560, June 1983. **EF**

Relates to omeprazole.

Haken Larsson et al., Inhibition of Gastric Acid Secretion by Omeprazole in the Dog and the Rat. <u>Gastroenterology</u>, Vol. 85 p. 900-907, October 1983.

EG

Relates to omeprazole.

Walter Londong et al. Dose-Response Study of Omeprazole on Meal-Stimulated Gastric Acid Secretion and Gastrin Release., Gastroenterology, Vol. 85 p. 1373-1378, December 1983.

EH

Relates to omeprazole.

Stanislaw J. et al., Effects of Omeprazole, a Substituted Benzimidazole, on Gastrointestinal Secretions, Serum Gastrin and Gastric Mucosal Blood Flow on Dogs. Gastroenterology, Vol. 86, p. 71-77, January 1984.

ΕI

Relates to omeprazole.

D.A. Henry et al., Omeprazole: Effects on Oxidative Drug Metabolism., British Journal of Clinical Pharmacology, Vol. 18, p. 195-200, August 1984.

EJ

Relates to omeprazole.

B.K. Sharma et al., Optimal Dose of Oral Omeprazole for Maximal 24 Hour Decrease of Intragastric Acidity. <u>Gut</u>, Vol. 25 p. 957-964, September 1984.

EK

Relates to omeprazole.

H.P.M. Festen et al., Effect of Oral Omeprazole on Serum Gastrin and Serum Pepsinogen I Levels. Gastroenterology, Vol 87 p. 1030-1034, November 1984.

EL

Relates to omeprazole.

Peter Prichard et al. Omeprazole: A Study of Its Inhibition of Gastric pH and Oral Pharmacokinetics After Morning or Evening Dosages Gastroenteroloy, Vol. 88 pp. 64-69 January 1985. **EM**

Relates to omeprazole.

K.O. Borg and L. Olbe, Omeprazole – A Survey of Preclinical Data, Gastroenterology, p. 15-22, 37-51, 71-77, 79-93, 105-120, June 1985.

EN

Relates to omeprazole.

50th Edition of Physician's, 1996 Desk Reference p. 529—531.

EO

Relates to omeprazole.

K.O. Borg, L. Olbe Proceedings of the First International Symposium on Omeprazole, Supplement to the Scandinavian Journal of Gastroenterolgy, pp. 11-17, 31-38, 54-56, 59-60, 75-76, 77-78, 89-91, 92-98, 99-104, 105-135, 179, 182-183, 187-195, 1996.

FA

Relates to omeprazole formulations.

U.S.P. 6,096,340

FB

Relates to a new pharmaceutical formulation and process.

WO 96/24338

FC

Relates to an oral pharmaceutical preparation comprising an

EP 1010423 A2

antiulcer activity compound, and process for its production.

FD

Relates to omeprazole formulation.

September 23, 1994 Decision of the Korean Patent Office Regarding Korean Patent No. 55426 with Certified English Translation See page 4, line 13 to page 5, line 8.

FE

Relates to omeprazole formulation.

Korean Patent Application 92-17571 with Certified English Translation

Full text copies or abstracts of the above-identified reference were previously supplied in application Serial No. 09/763,831. Pursuant to 37 C.F.R. 1.98 (d) copies of references AA-FE are not provided with this Information Disclosure Statement because copies of these references were supplied in the parent application, Serial No. 09/763,831. If additional copies are needed, the Examiner is invited to telephone the undersigned and copies will be immediately provided.

It is respectfully requested that this art be considered by the Examiner in the above-entitled application and made or record therein. It is believed that no fee is required for submission of this Information Disclosure Statement under 37 C.F.R. §1.97(b). However, if a fee is due, the Commissioner is hereby authorized to charge Deposit Account No. 08-1540.

Respectfully submitted.

Martin P. Endres Reg. No. 35,498

MAILING ADDRESS: HEDMAN & COSTIGAN, P.C. 1185 Avenue of the Americas New York, NY 10036 (212) 302-8989

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
STATEMENT BY APPLICANT			APPLICANT	First Named Inventor	Chih-Ming Chen
				Art Unit	
(use as many sheets as necessary)			necessary)	Examiner Name	
Sheet	1	of	7	Attorney Docket Number	141-201A

	U.S. PATENT DOCUMENTS							
Examiner Initials		Document Number Number - Kind Code ² (if known		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	AA AB	us-4,045,563 us-4,045,564	08-30-1977 08-30-1977	Berntsson et al. Berntsson et al.				
	AC AD		01-08-1980 03-10-1981	Krasso et al. Junggren et al.				
	AE AF	us-4,337,257	06-29-1982 11-16-1982	Junggren et al. Ruwart				
	AG AH	us- 4,432,966	02-21-1984 04-02-1985	Zeitoun et al. Junggren et al.				
	ΑI	us- 4,544,750	10-01-1985	Brandstrom et al. Brandstrom et al.				
	AJ AK	and the second s	10-28-1986 01-13-1987	Brandstrom et al.				
	AL AM		08-11-1987 04-19-1988	Rainer et al. Brandstrom et al.				
	AN AO	us-4,786,505 us-4,840,799	11-22-1988 06-20-1989	Lovgren et al. Appeigren et al.				
	AP AO	us- 4,853,230 us-5,045,321	08-01-1989 09-03-1991	Lovgren et al. Makino et al.				
	AR AS	us- 5,093,132	03-03-1992 03-03-1992	Makino et al. Tomoi et al.				
	AT	us-5,178,867	01-12-1993	Guittard et al.				

	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.1	Foreign Patent Document Country Code3 -Number4 - Kind Code5 (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6		
	\overline{CA}	WO 85/03436	08-15-1985	Kjorn et al.				
	CB	WO 95/01783	01-19-1995	Bengtsson et al.				
	CC	WO 95/10264	04-20-1995	Naoyuki et al.				
	CD	WO 95/12590	05-11-1995	Slemon				
	CE_	WO 96/01612	01-25-1996	Veronesi				
	CF	WO 96/01622	01-25-1996	Bengtsson et al.				
	CG	WO 96/01623	01-25-1996	Bergstrand et al.				
	CH	WO 96/24375	08-15-1996	Depui et al.				
	CI	WO 96/02535	02-01-1996	Larsson et al.				
	CJ	CA 1.127.158	07-06-1985	Junggren et al.				

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attempted. English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449A/PTO		Complet if Known			
INFORMATION DISCLOSURE				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
STATEMENT BY APPLICANT (use as many sheets as necessary) Sheet 2 of 7			APPLICANT	First Named Inventor	Chih-Ming Chen
				Art Unit	
			s necessary)	Examiner Name	
			7	Attorney Docket Number	141-201A

_	U.S. PATENT DOCUMENTS							
Examiner Initials		Document Number Number - Kind Code ² (<i>if known</i>		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	ΑIJ	us- 5,204,118	04-20-1993	Goldman et al.				
	\overline{AV}	us-5,244,670	09-14-1993	Upson et al.				
	٩W	us-5,288,506	02-22-1994	Spickett et al.				
	AΧ	us-5,304,540	04-19-1994	Blackburn et al.				
	ΑY	us-5,330,982	07-19-1994	Tyers				
***************************************	ΑZ	us- 5,352,688	10-04-1994	Kaminski				
**************	BA		11-08-1994	Lee et al.				
***************************************	BB	us- 5,385,739	11-08-1994 01-31-1995	Debregeas et al.				
	BC	us- 5,389,664	02-14-1995	Biale et al.				
***************************************	BD	us- 5,399,700	03-21-1995	Min et al.				
······································	BE	us- 5,417,980	05-23-1995	Goldman et al.				
	BF	us-5,433,959	07-18-1995	Makino et al.				
-	BG	us- 5,508,041	04-16-1996	Lee et al.				
	BH	US-5,518,730	05-21-1996	Fuisz				
***************************************	BI	us-5,599,794	02-04-1997	Eek et al.				
	BJ	us- 5,620,964	04-15-1997	Roth et al.				
	BK	us-5,622,717	04-22-1997	Fuisz				
······································	BL	us- 5,637,320	06-17-1997	Bourke et al.				
***************************************	BM		06-17-1997	Makino et al.				
***************************************		us- 5,693,818	12-02-1997	Von Unge				

	FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No.1	Foreign Patent Document County Code ³ -Number ⁴ - Kind Code ⁵ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Τe	
	CK	CA 1,129,417	08-10-1982	Junggren et al.			
	CL	CA 1,234,118	03-15-1988	Brandstrom et al.			
(CM	CA 1,263,119	11-12-1989	Kato et al.			
	CN	CA 1,264,751	01-23-1990	Brandstrom			
	co.	CA 1,292,693	12-03-1991	Lovgren et al.			
	CP	CA 1,302,891	06-09-1992	Lovgren et al.			
(co	CA 1,324,758	11-30-1993	Ruwart et al.			
	CR	CA 1,338,377	06-11-1996	Makino et al.			
***************************************	CS	CA 2,037,101	03-18-1997	Sik et al.			
	CT	CA 2 046 364	01-06-1993	Tanberk et al.			

Examiner	Date
Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

141<u>-201</u>A

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449A/PTO	C mplete if Known			
INFORMATION DIGOLOGUES	Application Number	Not Yet Assigned		
INFORMATION DISCLOSURE	Filing Date	Concurrently Herewith		
STATEMENT BY APPLICANT	First Named Inventor	Chih-Ming Chen		
	Art Unit			
(use as many sheets as necessary)	Evaminer Name			

Attorney Docket Number

Sheet 3

of 7

	U.S. PATENT DOCUMENTS					
Examiner Initials*		Document Number Number - Kind Code ² (<i>if known</i>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	BO	us- 5,753,265	05-19-1998	Bergstrand et al.		
		us-				
***************************************		US-				
		US-				
		US-				
		US-				
******************************		US-				
		US-				
		US-			,	
		US-				
		US-				
		US-				
	l	US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
****************		US-				

	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.1	Foreign Patent Document Country Code3 -Number4 - Kind Code5 (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T6		
	CU	CA 2,083,605	12-08-1991	Brandstrom				
	CV	CA 2,139,653	12-08-1994	Lindberg et al.				
(ĽW	CA 2,140,347	02-03-1994	Nakanishi et al.	***************************************			
	CX	CA 2,166,483	09-16-1997	Bengtsson et al.				
	CY_	CA 2,166,794	03-04-1997	Kallstrom et al.				
		CA 2,170,647	01-25-1996	Bergstrand et al.				
	DA	CA 2,193,681	01-25-1996	Bengtsson et al.				
	DB	GB 1,234,058 EP 124,495	06-03-1971	Kalman et al.				
	DC	EP 124,495	07-11-1984	Brandstrom				
1								

Examiner Signature	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

					_	
Substitute f	for form 1449B/PTO		Complete if Kn wn			
INFORMATION DISCLOSURE		Application Number	Not Yet Assigned			
INFOR	KMATION DIS	SCLOSURE	Filing Date	Concurrently Herewith		
STAT	EMENT BY A	PPI ICANT	First Named Inventor	Chih-Ming Chen		
OIAI		a i Liozari	Group Art Unit_			
	(use as many sheets a	as necessary)	Examiner Name			
Sheet	4 of	7	Attorney Docket Number	141-201 A		

Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т
	EA	L. Olbe, S.E. et al., Present Situation and Future Prospects of Medical Treatment., Gastrins and the Vagus, Academic Press p. 245-250, 1979.	
	EB	Ekenved et al. "Studies with H 168/68, a Novel Gastric Acid Secretion Inhibition., Gut, Vol. 22, p. A877, No. 10, October 1981.	
	EC	Erik Fellenius et al., Substituted Benzimidazoles Inhibit Gastric Acid Secretion by Blocking (H+ + K+) ATPase, Nature, Vol. 290, p. 159-161, March 12, 1981.	
	ED	Tore Lind, et al. Effect of Omeprazole - A Gastric Proton Pump Inhibitor on Pentagastrin Stimulated Acid Secretion in Man., Gut, Vol. 24 p. 270-276, 1983.	
	EE	K-Fr Sewin et al., Effect of Substituted Benzimidazoles on Acid Secretion in Isolated and Enriched Guinea Pig Parietal Cells., Gut, Vol. 24 p. 557-560, June 1983.	
	EF	Haken Larsson et al., Inhibition of Gastric Acid Secretion by Omeprazole in the Dog and the Rat. Gastroenterology, Vol. 85 p. 900-907, October 1983.	
	EG	Walter Londong et al. Dose-Response Study of Omeprazole on Meal Stimulated Gastric Acid and Gastrin Release., Gastroenterology, Vol. 85 p. 1373-1378, December 1983.	
	ЕН	Stanislaw J., Effects of Omeprazole, a Substituted Benzimidazole, on Gastrointestinal Secretions, Serum Gastrin and Gastric Mucosal Blood Flow in Dogs., Gastroenterology, Vol. 86 p. 71-77 January 1984	
		D.A. Henry et al., Omeprazole: Effects on Oxidative Drug Metabolism., British Journal of Clinical Pharmacology, Vol. 18, p. 195-200, August 1984.	
	EJ	B.K. Sharma et al. Optimal Dose of Oral Omeprazole for Maximal 24 Hour Decrease of Intragastric Acidity., Gut, Vol. 25, p. 957-964, September 1984.	
	EK	H.P.M. Festen et al., Effect of Oral Omeprazole on Serum Gastrin and Serum Pepsinogen I Levels., Gastroenterology, Vol. 87 p. 1030-1034, November 1984.	

Examiner		Date	
Signature	, , , , , , , , , , , , , , , , , , ,	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Complete if Known				
Application Number	Not Yet Assigned			
Filing Date	Concurrently Herewith			
First Named Inventor	Chih-Ming Chen			
Group Art Unit				
Examiner Name				
Attaman Daalast North	141 001 4			

Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) of | 7 Sheet 5 Attorney Docket Number | 141-201A

		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	EL	Peter Prichard et al. Omeprazole: A Study of Its Inhibition of Gastric pH and Oral Pharmacokinetics After Morning or Evening Dosages., Gastroenterology, Vol. 88, p. 64-69—January 1985	
	EM	K.O. Borg and L. Olbe, Omeprazole - A Survey of Preclinical Data., Gastroenterology, p. 15-22, 37-51, 71-77, 79-93, 105-120, June 1985.	
	EN	50th Edition of Physician's Desk Reference p. 529-531, 1996.	
		K.O. Borg, and L. Olbe, Proceedings of the First International Symposium on Omeprazole Supplement to the Scandinavian Journal of Gastroenterology, pp. 11-17, 31-38, 54-56, 59-60, 75-78, 89-135, 179, 182-183, 187-195, 1996.	
		-	
		l	1

Examiner	Date	
Signature	Considered	



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449A/PTO	Complet if Known		
INFORMATION DISCUSSIONE	Application Number	Not Yet Assigned	
INFORMATION DISCLOSURE	Filing Date	Concurrently Herewith	
STATEMENT BY APPLICANT	First Named Inventor	Chih-Ming Chen	
	Art Unit		
(use as many sheets as necessary)	Examiner Name		
Shoot C of G	Attorney Docket Number	NE 1 41 001 4	

U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Document Number Number - Kind Code ² (if known	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
	FA	us- 6,096,340	08-01-2000	Chen et al.		
		US-				
		US-				
]	US-				
i		US-				
		US-				
		US-				
<u> </u>		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
	1	US-				
		US-			•	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials	Cite No.1	Foreign Patent Document Country Code3 -Number4 - Kind Code ⁵ (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т6		
	FB	WO 96/24338	08-15-1996	Lundberg et al.				
	FC_	EP 1010423 A2	06-21-2000	Picornell Darder	•			
······································								
			······		***************************************			

	ļ							

ı	Examiner	Date	
ı	Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

¹ Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if Footlish because Topstelties is attracted. English language Translation is attached.

PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB

Substitute for form 1449B/PTO INFORMATION DISCLOSURE				Compl te if Known			
			OL COLIDE	Application Number	Not Yet Assigned		
I	MEOR	MAHON L	JIS	CLOSURE	Filing Date Concurrently Herewith		
STATEMENT BY APPLICANT			PPI ICANT	First Named Inventor	Chih-Ming Chen		
STATEMENT DI ALL LICANT				LICAN	Group Art Unit		
		(use as many shee	ts a:	s necessary)	Examiner Name		
	Sheet	7	of	7	Attorney Docket Number	141-201A	

OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Т:			
	FD	September 23, 1994 Decision of the Korean Patent Office Regarding Korean Patent No. 55426 (with Certified English Translation)				
	FE	Korean Patent Application 92-17571 (with Certified English Translation)				
		•				
		-				
***************************************		·				

Examiner	Date	
Signature	Considered	



^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.